

Title (en)

Structure of an autonomous and self-supporting assembly, in particular a belt conveyor

Title (de)

Struktur eines autonomen und selbsttragenden Bauelements, insbesondere ein Förderband

Title (fr)

Structure d'un ensemble autoporteur et autonome, notamment un transporteur à bande

Publication

**EP 1118559 B1 20050914 (FR)**

Application

**EP 01400146 A 20010119**

Priority

FR 0000803 A 20000121

Abstract (en)

[origin: EP1118559A1] The assembly consists of two rigid metal side members (1, 2) of C- or I-shaped cross-section, with vertical elements (7) and top and bottom flanges (8, 9) providing cavities for the installation of electrical cables. The side members are connected by cross-members (6), some of which can be trough-shaped to receive electrical cables. Smooth panels (16) are mounted on top of the side members, and a conveyor belt has its upper section (25) passing over the panels, while its lower section (26) is supported by freely rotating rollers (27). In addition, the upper section of the belt passes between vertical panels (17) fixed to the side members' top flanges.

IPC 1-7

**B65G 21/06**

IPC 8 full level

**B65G 21/06** (2006.01)

CPC (source: EP)

**B65G 21/06** (2013.01)

Cited by

US9663297B1; EP4191007A1; EP4310276A1; EP4191006A1

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**EP 1118559 A1 20010725; EP 1118559 B1 20050914**; AT E304501 T1 20050915; DE 60113313 D1 20051020; DE 60113313 T2 20060614; DK 1118559 T3 20060102; ES 2246294 T3 20060216; PT 1118559 E 20051130

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